AMENDMENTS TO THE CLAIMS

Please amend the claims as indicated below. The language being added is underlined ("__"), and the language being deleted is denoted by a strikethrough ("—") or double brackets ("[[ ]]").

Listing of Claims:

1. (Previously presented) A method for optimizing cell available (CLAV) status polling of a plurality of physical interface (PHY) addresses, the method comprising the steps of:

polling a plurality of PHY addresses to determine CLAV status;

receiving the CLAV status for each one of the plurality of PHY addresses;

determining whether the CLAV status could change for each PHY address, wherein the CLAV status that could change comprises both an inactive CLAV status and a completed cell transfer; and

re-polling each of the PHY addresses having a CLAV status that could change while avoiding re-polling of PHY addresses having an active CLAV status.

2-6. (Canceled)

7. (Original) The method of claim 1, wherein the CLAV status comprises ability to receive a cell.

8. (Original) The method of claim 7, wherein a PHY address is re-polled within at least four bytes of a previous cell transfer.

9. (Original) The method of claim 1, wherein the CLAV status comprises the ability to transmit a cell.

10. (Canceled) The method of claim 1, wherein each PHY address with an inactive CLAV status is re-polled until the PHY address indicates an active CLAV status.

11. (Original) The method of claim 1, wherein the physical interface is a UTOPIA.

12. (Previously presented) A system for optimizing cell available (CLAV) status polling of a plurality of physical interface (PHY) addresses, the system comprising:

a polling module for polling a plurality of PHY addresses to determine CLAV status;

a status module for receiving the CLAV status for each one of the plurality of PHY addresses;

a determining module for determining whether the CLAV status could change for each PHY address, wherein the CLAV status that could change comprises both an inactive CLAV status and a completed cell transfer; and

a re-polling module for re-polling each of the PHY addresses having a CLAV status that could change while avoiding re-polling of PHY addresses having an active

CLAV status.

13-17. (Canceled)

18. (Original) The system of claim 12, wherein the CLAV status comprises ability to receive a cell.

19. (Original) The system of claim 18, wherein a PHY address is re-polled within at least four bytes of a previous cell transfer.

20. (Original) The system of claim 12, wherein the CLAV status comprises the ability to transmit a cell.

21. (Original) The system of claim 12, wherein each PHY address with an inactive CLAV status is re-polled until the PHY address indicates an active CLAV status.

22. (Original) The system of claim 12, wherein the physical interface is a UTOPIA.

23. (Previously presented) A computer readable medium, the computer readable medium comprising a set of instructions for optimizing cell available (CLAV) status polling of a plurality of physical interface (PHY) addresses and being adapted to manipulate a processor to:

poll a plurality of PHY addresses to determine CLAV status;

receive the CLAV status for each one of the plurality of PHY addresses;

determine whether the CLAV status could change for each PHY address, wherein the CLAV status that could change comprises both an inactive CLAV status and a completed cell transfer; and

re-poll each of the PHY addresses having a CLAV status that could change while avoiding a re-poll of PHY addresses having an active CLAV status.

24-28. (Canceled)

29. (Original) The computer readable medium as in claim 23, wherein the CLAV status comprises ability to receive a cell.

30. (Original) The computer readable medium as in claim 23, wherein the instructions are further adapted to re-poll a PHY address within at least four bytes of a previous cell transfer.

31. (Original) The computer readable medium as in claim 23, wherein the CLAV status comprises the ability to transmit a cell.

32. (Original) The computer readable medium as in claim 23, wherein the instructions are further adapted to re-poll each PHY address with an inactive CLAV status until the PHY address indicates an active CLAV status.

33. (Original) The computer readable medium as in claim 23, wherein the physical interface is a UTOPIA.

34. (Previously Presented) The method of claim 1, wherein the polling of a plurality of PHY addresses to determine CLAV status comprises using a poll ratio, thereby polling a high-speed port more frequently in comparison to a low-speed port.

35. (Previously Presented) The method of claim 1, wherein the re-polling step further comprises polling a NULL PHY address when no PHY address has a CLAV status that could change.

36. (Previously Presented) The system of claim 12, wherein the polling module for polling of a plurality of PHY addresses to determine CLAV status comprises a poll ratio.

37. (Previously presented) The system of claim 12, wherein the polling module for polling a plurality of PHY addresses to determine CLAV status further comprises a polling module for polling a NULL PHY address when no PHY address has a CLAV status that could change.

38. (Previously presented) The computer readable medium of claim 23, the computer readable medium comprising a set of instructions for optimizing CLAV status polling of a plurality of PHY addresses and being adapted to manipulate a processor to: poll a plurality of PHY addresses to determine CLAV status further comprising poll using

a poll ratio, whereby a high-speed port is polled more frequently in comparison to a low-speed port.

39. (Previously presented) The computer readable medium of claim 23, the computer readable medium further comprising a set of instructions for optimizing cell available (CLAV) status polling of a plurality of physical interface (PHY) addresses and being adapted to manipulate a processor to: re-poll a NULL PHY address when no PHY address has a CLAV status that could change.